

Connecting via Winsock to STN

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LOGINID:SSPTADEG1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV 26	MARPAT enhanced with FSORT command
NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
NEWS	5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB 10	COMPENDEX reloaded and enhanced
NEWS	15	FEB 11	WTEXTILES reloaded and enhanced
NEWS	16	FEB 19	New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art
NEWS	17	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	18	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	19	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	20	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	21	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	22	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	23	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	24	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	25	MAR 11	ESBIOBASE reloaded and enhanced
NEWS EXPRESS	JUNE 27 08		CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:25:41 ON 12 MAR 2009

```
=> file registry
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          0.22      0.22
```

FILE 'REGISTRY' ENTERED AT 09:26:00 ON 12 MAR 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

```
STRUCTURE FILE UPDATES: 11 MAR 2009 HIGHEST RN 1119363-64-2
DICTIONARY FILE UPDATES: 11 MAR 2009 HIGHEST RN 1119363-64-2
```

New CAS Information Use Policies, enter HELP USAGETERMS for details.

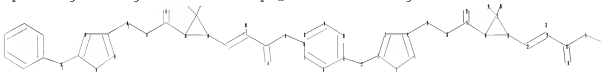
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=>
Uploading C:\Program Files\Stnexp\Queries\10598126genA.str
```



```
chain nodes :
15 16 17 18 19 20 21 22 23 24 25 26 27 28
```

```

ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14
chain bonds :
2-21  4-15  11-21  12-20  12-19  13-22  14-17  15-16  16-17  17-18  22-23  23-24
23-27  24-26  24-25  25-28
ring bonds :
1-2  1-5  2-3  3-4  4-5  6-7  6-11  7-8  8-9  9-10  10-11  12-13  12-14  13-14
exact/norm bonds :
1-2  1-5  2-3  3-4  4-5  12-13  12-14  13-14  16-17  17-18  24-26  24-25  25-28
exact bonds :
2-21  4-15  11-21  12-20  12-19  13-22  14-17  15-16  22-23  23-24  23-27
normalized bonds :
6-7  6-11  7-8  8-9  9-10  10-11

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS
27:CLASS 28:CLASS

```

L1 STRUCTURE UPLOADED

```

=> d l1
L1 HAS NO ANSWERS
L1        STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

```

Structure attributes must be viewed using STN Express query preparation.

```

=> s l1 sss full
FULL SEARCH INITIATED 09:26:41 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -        32 TO ITERATE

100.0% PROCESSED        32 ITERATIONS        2 ANSWERS
SEARCH TIME: 00.00.01

```

L2 2 SEA SSS FUL L1

```

=> file caplus
COST IN U.S. DOLLARS        SINCE FILE        TOTAL
                                                 ENTRY        SESSION
FULL ESTIMATED COST        185.88        186.10

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FILE 'CAPLUS' ENTERED AT 09:26:48 ON 12 MAR 2009
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FILE COVERS 1907 - 12 Mar 2009 VOL 150 ISS 11
FILE LAST UPDATED: 11 Mar 2009 (20090311/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

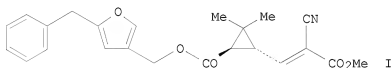
This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l2

L3 3 L2

=> d l3 1-3 abs ibib hitstr

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
GI



AB The title compound (I), pesticides containing I, and a method for controlling
pests by applying I to the pests or their habitats are claimed. Thus,
KT50 of a spray of I against *Culex pipiens pallens* was 0.7 min, vs. 6.1
min of 5-benzyl-3-furymethyl (1R)-trans-2,2-dimethyl-3-[(E)-3-ethoxy-2-
cyano-3-oxo-1-propenyl]cyclopropanecarboxylate.

ACCESSION NUMBER: 2005:979111 CAPLUS

DOCUMENT NUMBER: 143:266807

TITLE: Preparation of 5-benzyl-3-furymethyl
2,2-dimethyl-3-[(E)-3-methoxy-2-cyano-3-oxo-1-
propenyl]cyclopropanecarboxylate, pesticides
containing it, and pest control using it

INVENTOR(S): Mori, Tatsuya

PATENT ASSIGNEE(S): Sumitomo Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005239657	A	20050908	JP 2004-53336	20040227
AU 2005217253	A1	20050909	AU 2005-217253	20050208
WO 2005082877	A1	20050909	WO 2005-JP2198	20050208
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,			

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

EP 1742930	A1	20070117	EP 2005-710199	20050208
EP 1742930	B1	20080702		
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1910169	A	20070207	CN 2005-80002232	20050208
BR 2005008066	A	20070717	BR 2005-8066	20050208
AT 399773	T	20080715	AT 2005-710199	20050208
ES 2309717	T3	20081216	ES 2005-710199	20050208
US 20080161390	A1	20080703	US 2006-598126	20060818
KR 2006127218	A	20061211	KR 2006-719529	20060922
IN 2006CN03502	A	20070706	IN 2006-CN3502	20060925
PRIORITY APPLN. INFO.:			JP 2004-53336	A 20040227
			WO 2005-JP2198	W 20050208

OTHER SOURCE(S): CASREACT 143:266807

IT 863456-67-1P

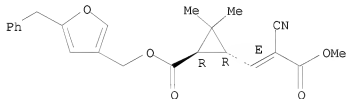
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BUU
 (Biological use, unclassified); SPN (Synthetic preparation); BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (preparation of benzylfurylmethyl
 dimethyl(methoxycyanooxopropenyl)cyclopropanecarboxylate as
 insecticides)

RN 863456-67-1 CAPLUS

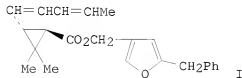
CN Cyclopropanecarboxylic acid, 3-[(1E)-2-cyano-3-methoxy-3-oxo-1-propen-1-yl]-2,2-dimethyl-, [5-(phenylmethyl)-3-furanyl]methyl ester, (1R,3R)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
 GI

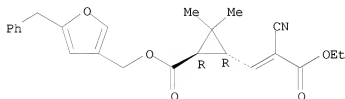


AB In a series of 31 5-benzyl-3-furylmethyl
 2,2-dimethylcyclopropanecarboxylates, e.g., I [56194-60-6], several
 substituents at the 3 position, especially (E)- or (Z)-butadienyl or
 -pentadienyl conferred higher insecticidal potency against houseflies and

mustard beetles than bioresmethrin [28434-01-7], whereas alkoxy carbonyl substituents conferred lower potency.

ACCESSION NUMBER: 1977:84688 CAPLUS
DOCUMENT NUMBER: 86:84688
ORIGINAL REFERENCE NO.: 86:13357a,13360a
TITLE: Insecticidal activity of the pyrethrins and related compounds. X. 5-benzyl-3-furylmethyl 2,2-dimethylcyclopropanecarboxylates with ethylenic substituents at position 3 on the cyclopropane ring
AUTHOR(S): Elliott, Michael; Farnham, Andrew W.; Janes, Norman F.; Needham, Paul H.; Pulman, David A.
CORPORATE SOURCE: Dep. Insectic. Fungic., Rothamsted Exp. Stn., Harpenden, UK
SOURCE: Pesticide Science (1976), 7(5), 499-502
DOCUMENT TYPE: CODEN: PSSCBG; ISSN: 0031-613X
LANGUAGE: English
IT 56169-78-9
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(insecticidal activity of)
RN 56169-78-9 CAPLUS
CN Cyclopropanecarboxylic acid, 3-(2-cyano-3-ethoxy-3-oxo-1-propenyl)-2,2-dimethyl-, [5-(phenylmethyl)-3-furanylmethyl ester, (1R-trans)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
GI For diagram(s), see printed CA Issue.
AB Addnl. data considered in abstracting and indexing are available from a source cited in the original document. Forty-eight esters related to the insecticide bioresmethrin (I) with the isobutenyl side chain replaced, were prepared from cis- and trans-3-formyl-2,2-dimethylcyclopropanecarboxylic esters, which by Wittig reactions gave 3-substituted Me or Bu esters, which by transesterification or pyrolysis followed by esterification gave the 5-benzyl-3-furylmethyl esters. E.g., II with EtCH:PPh₃ gave III, which with 5-benzyl-3-furylmethyl alc. gave IV.

ACCESSION NUMBER: 1975:155439 CAPLUS
DOCUMENT NUMBER: 82:155439
ORIGINAL REFERENCE NO.: 82:24793a,24796a
TITLE: Pyrethrins and related compounds. XVIII. Insecticidal 2,2-dimethylcyclopropanecarboxylates with new unsaturated 3-substituents
AUTHOR(S): Elliott, Michael; Janes, Norman F.; Pulman, David A.
CORPORATE SOURCE: Dep. Insectic. Fungic., Rothamsted Exp. Stn., Harpenden, UK
SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999)

(1974), (21), 2470-4
CODEN: JCPRB4; ISSN: 0300-922X
Journal
English

DOCUMENT TYPE:

LANGUAGE:

IT 56169-78-9P

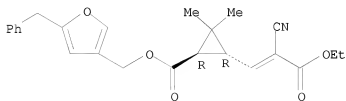
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 56169-78-9 CAPLUS

CN Cyclopropanecarboxylic acid, 3-(2-cyano-3-ethoxy-1-propenyl)-2,2-dimethyl-, [5-(phenylmethyl)-3-furanylmethyl ester, (1R-trans)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.



=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

23.42

209.52

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.46

-2.46

FILE 'STNGUIDE' ENTERED AT 09:34:35 ON 12 MAR 2009

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Mar 6, 2009 (20090306/UP).

=>

=>

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.39

214.91

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-2.46

STN INTERNATIONAL LOGOFF AT 10:20:40 ON 12 MAR 2009